

ANNUAL REPORT

Monterey Regional Storm Water Management Program

November 15, 2007

VOLUME NO. 1

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ANNUAL REPORT

Check box if this is a
new name, address, etc.

Permittee Information

1. Permittee (Agency Name): Monterey Regional Storm Water Permit Participants Group ☐
2. Contact Person: Robert Jaques, Program Manager ☐
3. Mailing Address: 5 Harris Court, Building D ☐
4. City, State and Zip Code: Monterey, CA 93940 ☐
5. Contact Phone Number: (831) 645-4607 ☐
6. WDID # : State Water Resources Control Board Water Quality Order No. 2003-0005-

DWQ,

National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000004;

Adopted and approved via CCRWQCB Resolution No. R3-2006-0076 on September 7, 2006.

7. Have any areas been added to the MS4 due to annexation or other legal means? ☐ YES ☒

NO

If YES:

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit?

☒ YES* ☐ NO

If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form.

*Only for certain permittees, as discussed herein.

Reporting Period:

(check one)

*(Report is due by November 22
each year)*

☒ Coverage Commencement (9/8/06) to 9/7/07 **-or-**

☐ July 1, 2004 to June 30, 2005

☐ July 1, 2005 to June 30, 2006

☐ July 1, 2006 to June 30, 2007

☐ July 1, 2007 to June 30, 2008

Executive Summary

This document comprises the annual reports required by the General Permit issued to the Monterey Regional Storm Water Permit Participants Group by the Regional Water Quality Control Board (RWQCB) on September 7, 2006. The Storm Water Management Program (SWMP) for each of these Permittees is the Monterey Regional Storm Water Management Program (MRSWMP) which was reviewed and approved by the RWQCB in conjunction with issuing permit coverage to the entities comprising this Group. The Permittees in this Group consist of the cities of Pacific Grove, Monterey, Seaside, Del Rey Oaks, Sand City, Marina, and the County of Monterey.

Subsequent to the issuance of permit coverage to these entities, the city of Carmel-by-the-Sea submitted to the RWQCB its Notice of Intent to be covered by the State Water Resources Control Board's (SWRCB's) General Permit, and stated its intent to join with these other entities by using the MRSWMP as its Storm Water Management Program. Carmel-by-the-Sea also submitted an addendum to the MRSWMP to incorporate specific information pertaining to its facilities and programs. Although the RWQCB has not yet completed processing Carmel-by-the-Sea's application for permit coverage as of the date of preparation of this Annual Report, the City has taken the same steps and has implemented the same types of procedures and policies as the other Permittees, just as though it was already permitted and using the MRSWMP as its SWMP.

This Annual Report has been prepared in the format recommended by the SWRCB for NPDES Phase 2 storm water permittees to use in preparing their annual reports. It has been adapted only slightly to match the BMP and Measurable Goals matrix format used in the MRSWMP. It constitutes a single Annual Report that fulfills the annual reporting requirements for all of the Permittees.

This Executive Summary briefly covers all of the major sections of the annual report. In preparing this Executive Summary, the following series of questions, which were recommended by the SWRCB for use in preparing the Annual Report, were considered by all of the Permittees. The responses represent the collective input from all of the Permittees covered by the MRSWMP.

Question: How effective was your program at reducing pollutants in your storm water discharge?

Response: This is a difficult question to answer, as the term "effective" can have different meanings under different contexts. The question is perhaps best answered with reference to each of the six Minimum Control Measures, as discussed below:

Minimum Control Measure No. 1 – Public Education and Outreach

We believe that our Program was very effective in educating the public about storm water pollution prevention issues. The educational component was presented in a variety of forms including print ads, brochures, posters, and hands-on experiences. The public was reached through a variety of venues including movie theater ads, print ads, bus ads, classroom presentations, and informational booths at public events. The Program reached many different

segments of the public, from young children to older adults, as described in detail in Appendix A. There has been a noticeable increase in public awareness. Some entities reported that they observed more residential car washing being done on soil areas where the water percolates rather than running off into the storm drainage system. This is believed to be a result of the public education program of the MRSWMP.

Minimum Control Measure No. 2 – Public Involvement and Participation

We believe that our Program was very effective in involving the public in activities and events that were directly related to storm water pollution prevention measures. In these activities and events, a broad cross-section of the public participated in hands-on activities which helped to carry out the types of storm water pollution prevention messages that were presented under MCM No. 1. These are described in detail in Appendix B and in the Section of this Annual Report pertaining to MCM No. 2. One of the most direct indicators of the effectiveness of the MRSWMP will be the results of the outfall monitoring work that is being conducted under this MCM. When the Annual Report for Permit Year 2 is prepared, it will contain a comparison of the monitoring results from just before and just after the implementation of the MRSWMP.

The cost information provided under BMP 2-2.d pertaining to the Urban Watch and First Flush monitoring programs requires some explanation, as follows: The citizen volunteers are not paid. However, the professional personnel that oversee and direct them are paid. In addition to these labor costs, there are significant costs for the sampling equipment, laboratory analyses, data interpretation, and report preparation. The total costs to carry out these two monitoring programs are more than the combined \$38,000 contributed by the cities of Monterey and Pacific Grove, on behalf of the co-permittees. The additional funding to make up this difference comes from other sources.

Some entities felt that the storm drain inlet stenciling program was effective both in terms of educating people to not put non-storm water discharges into the inlets, and also in getting the stenciling done via volunteers, rather than having to pay city staff to do this work.

Minimum Control Measure No. 3 – Illicit Discharge Detection and Elimination

Work under this MCM was in the preliminary stages during the current reporting period. It included adopting storm water ordinances containing specific requirements pertaining to illicit connections and illegal discharges, encouraging the public as well as members of the permittee's staffs to report such activities, following up on such reports to correct these violations, and developing business inspection programs that will be carried out during permit Years 2-5. A relatively small number of illicit connections and illegal discharges were reported or detected in the current reporting period. However, we anticipate that this will increase as the business inspections are conducted, and as the public, through work under MCM No. 1, becomes more familiar with these types of violations and how to report them. Thus, the effectiveness of the Program with regard to this MCM is expected to increase in Permit Years 2 through 5.

Minimum Control Measure No. 4 - Construction Site Storm Water Runoff Control

The Program calls for this MCM to become effective in Permit Year 2. Accordingly, the Ordinances adopted by the permittees establish the effective date for these ordinance provisions to be September 8, 2007. To prepare for this MCM, during the current reporting period educational programs were held to alert and acquaint construction contractors with the Ordinance

requirements pertaining to construction site storm water pollution prevention. Permittee staff members who will be involved in site plan reviews and in construction inspection received training on these requirements and in the use of the construction site inspection checklists and the BMP Guidance Series materials contained in the MRSWMP. Permit Year 2 will provide the opportunity to evaluate how effective this work was in ensuring that proper measures were taken at construction sites to prevent storm water pollution. Some entities have increased their surveillance of construction sites as a result of implementing the MRSWMP.

Minimum Control Measure No. 5 – Post-Construction Storm Water Management in New Development and Redevelopment

The Program calls for this MCM to become effective in Permit Year 3. Accordingly, the Ordinances adopted by the permittees establish the effective date for these ordinance provisions to be September 8, 2008. To prepare for this MCM, during the upcoming (Year 2) reporting period an educational program will be held to alert and acquaint design professionals with the Ordinance requirements pertaining to post-construction storm water management in new development and redevelopment projects. Permittee staff members who will be involved in plan reviews for the types of projects to which these requirements are applicable will be provided training on these requirements and in the associated BMP Guidance Series materials contained in the MRSWMP. Permit Year 3 will provide the opportunity to evaluate how effective this work was in ensuring that proper measures were incorporated into the design of new development and redevelopment projects to help prevent storm water pollution.

Minimum Control Measure No. 6 –Pollution Prevention/Good Housekeeping for Municipal Operations

We believe that the Program was very effective in improving the knowledge and sensitivity of the permittee's staffs in recognizing and preventing storm water pollution resulting from municipal operations. Several types of focused training sessions were held, and numerous inspections were conducted on a variety of types of municipal facilities to identify and correct sources of storm water pollution. It was rewarding to find from these inspections that relatively few instances of storm water pollution were occurring at municipal facilities. Those which were identified have either already been corrected, or are in the process of being corrected. Some entities have increased their storm drain cleaning activities in response to implementing the MRSWMP.

Question: Were you in compliance with the General Permit?

Response: With the following exception, yes. The one area of noncompliance was in the passage of stormwater ordinances by the County of Monterey and the cities of Marina and Carmel-by-the-Sea. While these entities have not yet adopted stormwater ordinances, for reasons which are detailed in the respective Appendices for these entities, there are existing ordinances and laws in place for grading activities and discharges to waterways that are protective of water quality. These entities anticipate that they will have their stormwater ordinances adopted in Permit Year 2.

Question: What was the most successful part of the program?

Response: The permittees felt that the public education and public involvement components of the Program under MCMs No. 1 and 2 were the most successful. It was gratifying to find significant improvement in public awareness and understanding of storm water pollution prevention issues that were the direct result of these efforts. The permittees also felt that the training and inspections performed under MCM No. 6 were successful in building an increased level of storm water pollution awareness and understanding among their own staffs, and in identifying and correcting sources of storm water pollution emanating from public facilities.

Question: What was the most challenging?

Response: The most challenging part of the Program for all of the permittees was in coordinating and tracking the efforts of multiple departments within each entity's organizational structure. These departments typically included Public Works, Building, Construction Management, Parks, Fire, and Police. Building an internal awareness of storm water pollution prevention issues, ordinance requirements, tracking and reporting requirements, and coordinating the work of these various departments proved to be a significant challenge for most of the permittees. There is also a substantial amount of additional paperwork that must be prepared in order to carry out the BMPs and to document them. This adds to the workload, and there is a natural resistance to this in many members of the staff.

Minimum Control Measures

The Monterey Regional Storm Water Management Program (MRSWMP) is divided into these six Minimum Control Measures:

- 1. Public Education and Outreach**
- 2. Public Involvement and Participation**
- 3. Illicit Discharge Detection and Elimination**
- 4. Construction Site Stormwater Control**
- 5. Post-Construction Stormwater Management**
- 6. Pollution Prevention and Good Housekeeping for Municipal Operations**

Under each of these Minimum Control Measures is a set of Best Management Practices (BMPs) and Measurable Goals that describes the work that being undertaken to carry out the MRSWMP.

This Section reports on the status and effectiveness of those BMPs and Measurable Goals that were performed during the current Reporting Period (Permit Year 1). Under each Minimum Control Measure, the BMP Descriptions, BMP numbers, Implementation Plans, Measurable Goal numbers, and Measurable Goal Descriptions are all taken directly from the MRSWMP.

1. PUBLIC EDUCATION AND OUTREACH

Status of BMPs and Implementation Plans

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
Educate an audience that includes students, business owners, particularly those in targeted businesses and tourists as well as residents about the causes of storm water pollution and the things they can do to reduce this pollution. (See pages E-1 through E-22 of Appendix E of the MRSWMP for the Public Education and Outreach Program)	1-1.a	Implement the comprehensive Public Education & Outreach Program contained on pages E-1 through E-22 of Appendix E of the MRSWMP for the entire region.	X			X		
	1-1.b	Review & revise “Year 1 Public Education & Outreach Plan” to maximize efficiency in audiences reached, and address current contaminants impacting water quality. Changes will be based on input from the public, volunteer monitoring network data, and contaminants of concern. The revised Plans will be implemented in each of Years 2 through 5.	X			X		

a. BMPs

i. General Summary

The success of the BMPs under this MCM is described in Appendix A.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
1-1.a	The Measurable Goals for the current reporting period (Year 1) are too extensive to list in this table, and are instead listed in the materials contained in Appendix A.	X		This Measurable Goal was fulfilled under the Public Education and Public Outreach Program described in Appendix A.
1-1.b	The updated Measurable Goals for Year 2 are too extensive to list in this table, and are instead listed in the materials contained in Appendix A.	X		This Measurable Goal was fulfilled under the Public Education and Public Outreach Program described in Appendix A.

iii. Appropriateness

The appropriateness of the BMPs under this MCM is described in Appendix A.

iv. Effectiveness

The effectiveness of the BMPs under this MCM is described in Appendix A.

v. Proposed Modifications

The proposed modifications to certain activities proposed in the original Public Education and Public Outreach Program contained in the approved MRSWMP, along with a justification for each, are as follows:

With regard to teacher training: It has been nearly impossible to motivate the local school districts to accept the offer to have classroom teacher training on storm water pollution prevention issues provided to them, For this reason in Permit Year 2 it is proposed to instead contact the three school district Regional Occupational Program Coordinators, specifically with regard to providing teacher training for the ROP classes associated with hospitality, auto repair and certain other courses associated with businesses which are often the source of storm water

pollution.

With regard to Item 1.3 Grades 9-College-stenciling: Because it has been found that there are elementary school children who want to obtain community service credit at lower grade levels it is proposed that beginning in Permit Year 2 the age range for this activity should be expanded to go down to fourth grade and up to college.

With regard to residential outreach: It was found that for various reasons some of the cities who had been listed in the MRSWMP as planning to publish and distribute newsletters during Year One were unable to do so, while some others were preparing to publish and distribute newsletters. Therefore, it is proposed that beginning in Permit Year 2 the language will simply state that at least two of the Permittees will provide residential outreach information in their newsletters.

With regard to restaurant outreach: It has been nearly impossible to schedule restaurant outreach visits that allow for the training video to be shown and for pre- and post-testing of restaurant employees to be conducted, because restaurant owners and managers do not wish to take their employees' time for this purpose. Also, the Ecology Action BWET grant that provided the staff for the 75 restaurant visits during Year One was a one-time grant and will not be available in Year Two. For these reasons it is proposed beginning in Permit Year 2 to revise the language in the restaurant training section of the Public Education and Public Outreach Program to state that 75 restaurants will be provided the video training program and educational posters, and that the individual Permittees will provide direct encouragement through methods such as letters to the restaurants in their jurisdictions, or oral requests made during business inspections, to provide this training to their staff. In addition the California Restaurant Association will be contacted to solicit their support and encouragement for this, and efforts will be made to promote the Green Business program to restaurant owners.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

All of the information pertaining to this Minimum Control Measure is contained in Appendix A.

In preparing this section of the Annual Report the following questions pertinent to this Minimum Control Measure were considered, and the responses to each of them are presented.

Question: Have you or are you planning to provide storm water education and outreach material in multiple languages?

Response: Yes. Many of the educational and outreach materials are presented in both English and Spanish, which are the two predominant languages spoken within the MRSWMP area.

Question: Are certain community demographics more receptive to environmental issues? How might you reach out to those that do not appear to be as receptive?

Response: Yes. At least in some communities there appear to be differences in receptiveness depending in part on economic status and national origin. We reach out to

different community demographics by adapting school programs to the communities within which the schools are located, and by providing educational materials at public events and activities that are well attended within these communities.

Question: What types of business outreach activities have been conducted?

Response: Outreach has been conducted to restaurants through the distribution of educational videos and posters, and to construction contractors through BMP informational brochures and educational presentations. Beginning in Permit Year 2 this outreach will be extended through business inspections to gas stations and vehicle service facilities.

Question: What percentage of the population do you estimate you have reached with your different types of outreach?

Response: Refer to Appendix A for a discussion of this topic.

Question: How much time is dedicated to public inquires and requests for additional information?

Response: One of the duties of the Public Education and Public Outreach Program Coordinator, under her contract with the Permittees, is responding to public inquiries and requests for additional information. During the current reporting period, a substantial amount of time was spent by the Coordinator performing these duties. For this reason only a small amount of time has been required by the Permittee staffs in responding to such requests, because the bulk of them have to date been directed to the Coordinator whose contact information is displayed on the educational materials that have been distributed.

Question: Has awareness regarding storm water pollution increased in your community? How was this measured?

Response: Yes. This was measured through surveys of public awareness, as discussed in Appendix A.

Question: How did you seek survey participation? Was it difficult to get enough participants?

Response: Surveys were conducted at various public events and through pre- and post-testing of students in educational programs. A reasonable number of survey responses were obtained to assess whether or not awareness was increasing.

Question: Has the program led to or will it lead to behavioral changes? How is this evaluated?

Response: Behavioral changes have already been noticed and reported. Permittee storm water program managers have observed a heightened level of awareness and sensitivity to storm water pollution prevention issues within their organizations, both through comments made and actions taken by members of their staffs. Behavioral changes in members of the public have been similarly observed by the Public Education and Public Outreach Program Coordinator at public outreach events.

- c. Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.**

The activities under this MCM that will be carried out during Year 2 are summarized in the following table, and are described in more detail in Appendix A. The proposed modifications to certain activities proposed in the original Public Education and Public Outreach Program contained in the approved MRSWMP, along with a justification for each, were provided in paragraph a.v of this Section.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Educate an audience that includes students, business owners, particularly those in targeted businesses and tourists as well as residents about the causes of storm water pollution and the things they can do to reduce this pollution.</p> <p>(See pages E-1 through E-22 of Appendix E of the MRSWMP for the Public Education and Outreach Program)</p>	1-1.b	<p>Review & revise “Year 1 Public Education & Outreach Plan” to maximize efficiency in audiences reached, and address current contaminants impacting water quality. Changes will be based on input from the public, volunteer monitoring network data, and contaminants of concern. The revised Plans will be implemented in each of Years 2 through 5.</p>	<p>The updated Measurable Goals will be included each year in the revised Public Education and Outreach Program, which will be submitted as part of the Annual Reports</p>	X*			X

*Only to the extent described in paragraph a.v in this Section.

2. PUBLIC INVOLVEMENT AND PARTICIPATION

Status of BMPs and Implementation Plans

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap plic able</i>	<i>Mod ified</i>	<i>Eff ective</i>	<i>Un known</i>	<i>Not Eff ective</i>
Encourage general public and stakeholder involvement in identifying and solving storm water management problems, and gather public input on development and implementation of the MRSWMP, by	2-1.a	Draft annual report will be posted on the website and in city offices for review by public one month prior to Annual Workshop No. 2.	X					
	2-1.b	Hold Annual Workshop No. 1 annually in March/April. Annual Workshop No. 1 in Year One will focus on a general overview of Phase II requirements, and BMPs selected to increase the general public's overall awareness and knowledge of the Phase II program.	X					

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap plic able</i>	<i>Mod ified</i>	<i>Eff ective</i>	<i>Un known</i>	<i>Not Eff ective</i>
<p>holding two publicly advertised "Public Involvement Workshops" per a year. Public advertisement will be via local newspapers, city websites, community calendars, and/or MRSWMP email list serve.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-1.c	<p>Hold Annual Workshop No. 2 annually in early November prior to Annual Report submission to explain the Phase II Permit objectives and solicit public input on the success of the current BMPs and Measurable Goals.</p>	X					

BMP Description	BMP No.	Implementation Plan	Status					
			Im ple men ted	Not Ap pli cable	Mod ified	Eff ective	Un known	Not Eff ective
Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities. (See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)	2-2.a	Provide financial sponsorship support for Annual Coastal Cleanup Day in Monterey County or other local beach clean up efforts.	X			X		
	2-2.b	Recruit volunteers through municipal employee base and through advertising for Annual Coastal Clean Up Day or other local clean up efforts.	X			X		
	2-2.c	Provide support for, or assistance with, storm drain stenciling through providing supplies, volunteer recruitment, and staff labor.	X			X		
	2-2.d	Provide financial support for, or assistance with, volunteer monitoring programs and public participation events such as: Urban Watch, First Flush, Snapshot Day, and Walk N' Talk Days	X			X		
Become an active participant in the Citizen Water Quality Monitoring Network (See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)	2-3.a	A representative from the MRSWMP group will become an active participant in the Citizen Water Quality Monitoring Network.	X			X		

a. BMPs

i. General Summary

All of the BMPs in this Section were successful in involving the public in activities associated with storm water pollution prevention. The broadness of the programs and the various segments of the population to which they appealed, provided the opportunity for a wide cross-section of the community to learn about, and participate in meaningful activities directed at mitigating or eliminating sources of, storm water pollution. The success of certain of these BMPs are further described in Appendix B.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
2-1.a	All written public comments submitted and notes taken at workshop will be considered for inclusion in the annual report and kept on file.	X		The public comments from the two public workshops conducted during Permit Year 1 have been considered in preparing this Annual Report and in proposing the revisions to the BMPs described herein.
2-1.b	40 participants per workshop	X		Fewer than 40 (21 signed-in) participants attended the workshops in person, but the workshop was broadcast repeatedly over a multi-week period on Access Monterey Peninsula public television, which has a large viewing audience. Therefore, far more than 40 citizens were able to see and hear the workshop in its entirety. This provided them information on how they could monitor the work of the MRSWMP through the MRSWMP's website, and how they could contact the appropriate representatives of their entities in order to raise any issues of concern or to obtain further information on any of the MRSWMP activities. Additional information is contained in Appendix B.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
2-1.c	40 participants per workshop	X		Fewer than 40 (5 were present) participants attended the workshop in person, but the workshop was broadcast live, and was being rebroadcast repeatedly over a multi-week period, on Access Monterey Peninsula public television, which has a large viewing audience. Therefore, far more than 40 citizens were able to see and hear the workshop in its entirety.
2-2.a	Annual financial sponsorship of up to \$500 to cover expenses not covered by sponsors.	X		A check in the amount of \$500 was sent to the California State Department of Parks and Recreation, the sponsor of this event, on May 24, 2007 to fulfill this Measurable Goal.
	Provide staffing that amounts to 40 hours for coordinating this event.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices. Between the time spent publicizing the event to recruit volunteers and the manpower, vehicles, and other assistance provided on the actual day of the event, the Permittees collectively provided well in excess of the 40 hours of time they committed to provide
2-2.b	Each permit holder to recruit volunteers through two separate agency channels; e.g. email, paycheck stuffers, internal newsletters, etc. Track recruitment efforts, coordination support and financial support, and track number of participants and volume of waste collected and report this information in the Annual Reports for the indicated years.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
2-2.b (cont'd)	Air radio advertising before the event to encourage public participation	X		This Measurable Goal was fulfilled under the Public Participation and Public Involvement Program described in <u>Appendix B</u> .
2-2.c	Utilization of 100 hours of staff time through "Save the Whales" nonprofit organization to recruit college and civic organizations for stenciling events.	X		This Measurable Goal was fulfilled as evidenced by the stenciling work that is described in the Appendices for each of the co-permittees. A large amount of the stenciling work that was done was performed by volunteers working under the direction of "Save the Whales" personnel.
	Provide stenciling equipment, supplies, and maps of inlets to be stenciled, and complete a minimum of 300 drains and tabulate areas stenciled. Percent of all entities completed per year will be approximately 5-10%.	X		During the current reporting period, 570 inlets were stenciled throughout the area covered by the MRSWMP. Information on each individual co-permittee regarding this Measurable Goal is included in the individual entity Appendices.
2-2.d	Provide \$13,000 annual contribution for Urban Watch for professional staffing, equipment, lab analysis, and report writing.	X		This Measurable Goal was fulfilled on behalf of all of the co-permittees by the combined contributions of the cities of Monterey and Pacific Grove toward the Urban Watch programs in their two cities. Collectively these two entities contributed a combined total of approximately \$38,000 toward the Urban Watch and First Flush programs during Permit Year 1. More detail on this is provided in the Appendix information for these two co-permittees, and in the narrative on Minimum Control Measure No.2 on page 2 of this Annual Report.
	Provide \$1,500 annually for Urban Watch for print ads to recruit volunteers.	X		This Measurable Goal was fulfilled under the Public Participation and Public Involvement Program and is described in Appendix B.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
2-2.d (cont'd)	Provide \$3,000 annual contribution for First Flush for professional staffing, equipment, lab analysis, and report writing.	X		This Measurable Goal was fulfilled on behalf of all of the co-permittees by the combined contributions of the cities of Monterey and Pacific Grove toward the First Flush programs in their two cities. Collectively these two entities contributed a combined total of approximately \$38,000 toward the Urban Watch and First Flush programs during Permit Year 1. More detail on this is provided in the Appendix information for these two co-permittees, and in the narrative on Minimum Control Measure No.2 on page 2 of this Annual Report.
	Purchase \$7,000 annually for radio ads to promote participation in First Flush	X		This Measurable Goal was fulfilled under the Public Education and Public Outreach Program and is described in Program Activity/Target No. 9 of Appendix A.
	Provide \$1,500 annually for First Flush for print ads to recruit volunteers.	X		This Measurable Goal was fulfilled under the Public Education and Public Outreach Program and is described in Program Activity/Target No.12 of Appendix A.
	Provide \$1,000 annual contribution for Snapshot Day for professional staffing, equipment, lab analysis, and report writing.	X		A check in the amount of \$1,000 was sent to the Monterey Bay Sanctuary Foundation, the sponsor of this event, on April 26, 2007 to fulfill this Measurable Goal.
	Provide \$500 annually for Snap Shot Day for print ads to recruit volunteers.	X		This Measurable Goal was fulfilled under the Public Education and Public Outreach Program and is described in Program Activity/Target No.12 of Appendix A.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
2-2.d (cont'd)	Provide \$300 to \$500 annually for Walk N' Talk to garner public participation and a co-host representative for each event.	X		A check in the amount of \$300 was sent to the Monterey Bay Sanctuary Foundation, the sponsor of this event, on April 26, 2007 to fulfill this Measurable Goal. Co-hosts were provided for the Walk N' Talk events held during the current reporting period by the entities within which the events took place. These are reported on in the individual co-permittee appendices.
	Year 1: Based on existing scientific studies and data identify with specificity the geographic areas within the jurisdiction of each municipality that are sources of pollution, including T. Gondii, and other pathogens, impacting California sea otters and results included in the Annual Report; Year 2: Create and implement a program to reduce and eliminate the sources of pollution identified as impacting sea otters. The program and implementation will be described in the Annual Report	X		The report fulfilling the Year 1 Measurable Goal for this BMP is contained in <u>Appendix M</u> . The report also sets forth the program that will be initiated in Year 2 to reduce the sources of pollution impacting sea otters.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the “Comments” column</i>	<i>Not Completed</i>	<i>Comments</i>
2-3.a	100% of monitoring network meetings to be attended annually by member of MRSWMP group.	X		Due to the sudden departure of the staff member from the City of Monterey who was attending these meetings on behalf of the MRSWMP permittees, one of the meetings was not attended by a representative of the permittees. However, the Monterey Bay National Marine Sanctuary representative who regularly attends the MRSWMP’s Management Committee meetings offered to serve as the Management Committee’s interim representative to that meeting, thus providing continuity of coverage until the new representative could take over.

iii. Appropriateness

All of the BMPs under this MCM were considered to be appropriate for achieving the objective of involving the public in activities that provided education pertaining to storm water pollution prevention. The activities also provided the public with hands-on opportunities to perform actual work that helped to reduce or eliminate sources of storm water pollution, and to mitigate the impacts of such pollution. The appropriateness of certain of these BMPs are further described in Appendix B.

iv. Effectiveness

All of the BMPs under this MCM were considered to be effective in achieving the objective of involving the public in activities that provided education pertaining to storm water pollution prevention. The activities also provided the public with hands-on opportunities to perform actual work that helped to reduce or eliminate sources of storm water pollution, and to mitigate the impacts of such pollution. The appropriateness of certain of these BMPs are further described in Appendix B.

v. Proposed Modifications

No modifications are proposed.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

There was no monitoring work conducted under this MCM. However, information pertaining to each of the Measurable Goals under this MCM is presented in the table above. Additional information pertaining to certain of these BMPs and Measurable Goals is contained in Appendix B.

In preparing this section of the Annual Report the following questions pertinent to this Minimum Control Measure were considered, and the responses to each of them are presented .

Question: Is the public participating in your storm water program? Are the meeting times or locations hindering participation?

Response: There are regularly members of the public, as well as representatives from other organizations interested and/or active in storm water pollution prevention issues at the regularly monthly meetings of the MRSWMP Management Committee. A list serve of interested parties has been developed and the meeting notices, agendas, and meeting minutes are emailed to anyone wishing to be on that list serve. The meeting times and locations do not appear to be hindering participation.

Question: How many people or community groups have gotten involved in your storm water program? Is there any correlation with your storm water education campaigns?

Response: Several organizations including Friends of the Sea Otter and The Otter Project have gotten involved in our program through participation in the Management Committee's monthly

meetings, and by providing review comments on draft documents prepared for the MRSWMP. Some members of the business community, notably the vehicle service facilities, periodically attend these meetings and offer comments and suggestions. Some of these individuals reported that they became aware of the MRSWMP through the Public Education and Public Outreach and/or the Public Participation and Public Involvement programs conducted by the Permittees.

Question: How does involvement in the storm water program compare to involvement in other similar programs in the community?

Response: This is difficult to gauge, but there has been significant interest in volunteering to participate in the Urban Watch, First Flush, Coastal Cleanup Day, and other public events that pertain to storm water pollution prevent. This is evidenced by the numbers of volunteers that turn out for these programs and events.

Question: If you have a storm water hotline, has the number of calls increased or decreased?

Response: The hotline the Permittees use, the nationwide 1-800-CLEANUP hotline, is advertised in many ways by the sponsors of that hotline, and it is listed on educational brochures prepared and distributed under the MCM No.1 activities. In spite of this, it appears that there have to date been only a few calls received through this hotline pertaining to storm water pollution prevention issues. However, it is not always possible to determine whether the caller called the appropriate public works department to report a incident because they were referred to that number via the hotline, or whether they simply phone the public works department directly. In any event the intent is to try to increase public awareness of the hotline through the Public Education and Public Outreach program during Permit Year 2. One comment that is frequently received regarding the hotline is that its menu of options is very extensive and time-consuming to follow, leading to frustration and perhaps to some callers simply hanging up.

c. Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.

The activities under this MCM that will be carried out during Year 2 are summarized in the following table. Some of these are described in more detail in Appendix B.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public and stakeholder involvement in identifying and solving storm water management problems, and gather public input on development and implementation of the MRSWMP, by holding two publicly advertised "Public Involvement Workshops" per a year. Public advertisement will be via local newspapers, city websites, community calendars, and/or MRSWMP email list serve.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-1.a	Draft annual report will be posted on the website and in city offices for review by public one month prior to Annual Workshop No. 2.	All written public comments submitted and notes taken at workshop will be considered for inclusion in the annual report and kept on file.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public and stakeholder involvement in identifying and solving storm water management problems, and gather public input on development and implementation of the MRSWMP, by holding two publicly advertised "Public Involvement Workshops" per a year. Public advertisement will be via local newspapers, city websites, community calendars, and/or MRSWMP email list serve.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-1.c	<p>Hold Annual Workshop #2 annually in early November prior to Annual Report submission to explain the Phase II Permit objectives and solicit public input on the success of the current BMPs and Measurable Goals.</p>	40 participants per workshop		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public and stakeholder involvement in identifying and solving storm water management problems, and gather public input on development and implementation of the MRSWMP, by holding two publicly advertised "Public Involvement Workshops" per a year. Public advertisement will be via local newspapers, city websites, community calendars, and/or MRSWMP email list serve.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-1.d	<p>Hold Annual Workshop #1 annually in Mar-April: Workshop #1 in Years 2-5 will focus on a specific target audience and associated contaminants of concern. Topic/audience will be chosen each year based on historical contaminants of concern for industries common to permit jurisdiction area, volunteer monitoring network data, and topic/audience not chosen the prior year. Priority will be given to the Inventory of Businesses to be Inspected contained on pages E-37 through E-65 of Appendix E of the MRSWMP.</p>	40 participants per workshop		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.a	Provide financial sponsorship support for Annual Coastal Cleanup Day in Monterey County or other local beach clean up efforts.	Annual financial sponsorship of up to \$500 to cover expenses not covered by sponsors.		X		X
			Provide staffing that amounts to 40 hours for coordinating this event.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.b	Recruit volunteers through municipal employee base and through advertising for Annual Coastal Clean Up Day or other local clean up efforts.	Each permit holder to recruit volunteers through two separate agency channels; e.g. email, paycheck stuffers, internal newsletters, etc. Track recruitment efforts, coordination support and financial support, and track number of participants and volume of waste collected and report this information in the Annual Reports for the indicated years.		X		X
			Air radio advertising before the event to encourage public participation		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.c	Provide support for, or assistance with, storm drain stenciling through providing supplies, volunteer recruitment, and staff labor.	Utilization of 100 hours of staff time through “Save the Whales” nonprofit organization to recruit college and civic organizations for stenciling events.		X		X
			Explore additional partnerships and encourage civic organizations to adopt storm drains to maintain.		X		X
			Provide stenciling equipment, supplies, and maps of inlets to be stenciled, and complete a minimum of 300 drains and tabulate areas stenciled. Percent of all entities completed per year will be approximately 5-10%.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.d	Provide financial support for, or assistance with, volunteer monitoring programs and public participation events such as: Urban Watch, First Flush, Snapshot Day, and Walk N' Talk Days	Provide \$13,000 annual contribution for Urban Watch for professional staffing, equipment, lab analysis, and report writing.	X*			

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.d (cont'd)	Provide financial support for, or assistance with, volunteer monitoring programs and public participation events such as: Urban Watch, First Flush, Snapshot Day, and Walk N' Talk Days	Provide \$1,500 annually for Urban Watch for print ads to recruit volunteers.		X		X
			Provide \$3,000 annual contribution for First Flush for professional staffing, equipment, lab analysis, and report writing.	X*			
			Purchase \$7,000 annually for radio ads to promote participation in First Flush		X		X
			Provide \$1,500 annually for First Flush for print ads to recruit volunteers.		X		X
			Provide \$1,000 annual contribution for Snapshot Day for professional staffing, equipment, lab analysis, and report writing.		X		X
			Provide \$500 annually for Snap Shot Day for print ads to recruit volunteers.		X		X
			Provide \$300 to \$500 annually for Walk N' Talk to garner public participation and a co-host representative for each event.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.d (cont'd)	<p>Prioritize Pollutants of Concern (see subheading titled "Conclusions" on page 4-13) from Urban Watch and First Flush data; conduct source tracking using upstream monitoring for highest priority pollutants and use this to identify probable sources; inspect these sources under Minimum Control Measure No. 3 and take appropriate corrective actions in accordance with BMPs 3-3.d and 3-4.a</p>	<p>In each of the indicated years perform source tracking on the two highest priority pollutants of concern on a minimum of one outfall, and report on findings and actions taken in the Annual Reports for each of the indicated years.</p>		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.d (cont'd)	<p>Within the MRSWMP area the First Flush and Urban Watch monitoring programs will be expanded to include the following: Outfalls which receive drainage from commercial, industrial, or residential areas which meet the following criteria: (1) Are over 18" in diameter, and (2) Are safe for volunteers/staff to access, including those that discharge to a 303(d) listed water body. Conduct monitoring on these additional outfalls for a similar set of constituents as are monitored under the Urban Watch and First Flush Programs. Monterey County will focus on 303(d) listed water bodies in Year 2, and will expand into the other water bodies over the remaining permit term.</p>	<p>A minimum of 25% of all outfalls within the MRSWMP area will be monitored four times a year in each of the indicated years. Representative samples will be collected to account for seasonal variation. The results will be included in the Annual Reports for those years.</p>	X*			X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
<p>Encourage general public participation in programs and activities designed to promote understanding and awareness of storm water pollution, such as cleanup events and restoration activities.</p> <p>(See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)</p>	2-2.d (cont'd)	<p>Based on existing scientific studies and data, the MRSWMP Group will implement a pollution reduction component that identifies with specificity the geographic areas within the jurisdiction of each municipality that are sources of pollution, including T. Gondii and other pathogens, impacting California sea otters.</p> <p>Once the geographic areas are identified the MRSWMP group will create and implement a program to reduce and eliminate the sources of pollution identified as impacting sea otters.</p>	<p>Year 1: Based on existing scientific studies and data identify with specificity the geographic areas within the jurisdiction of each municipality that are sources of pollution, including T. Gondii, and other pathogens, impacting California sea otters and results included in the Annual Report; Year 2: Create and implement a program to reduce and eliminate the sources of pollution identified as impacting sea otters. The program and implementation will be described in the Annual Report.</p>		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Become an active participant in the Citizen Water Quality Monitoring Network (See pages E-23 through E-29 of Appendix E of the MRSWMP for the Public Participation and Involvement Program)	2-3.a	A representative from the MRSWMP group will become an active participant in the Citizen Water Quality Monitoring Network.	100% of monitoring network meetings to be attended annually by member of MRSWMP group.		X		X

*Only to the extent described in paragraph a.v of this Section.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

Status of BMPs and Implementation Plans

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap plic able</i>	<i>Mod ified</i>	<i>Eff ective</i>	<i>Un known</i>	<i>Not Eff ective</i>
Create a unified place for public to call in potential illicit discharges	3-1.a	Enter into an agreement with “911 Earth” to use their 1-800-CLEANUP hotline for the public to report illicit discharges by zip code	X				X	
	3-1.b	Advertise 1-800-CLEANUP call-in number on MRSWMP generated-media and educational materials	X				X	
	3-1.c	Using the protocol contained on pages E-30 through E-33 of Appendix E of the MRSWMP, investigate and take appropriate action on each report of illicit discharge that is received.	X			X		
Storm water system mapping	3-2.a	Complete preparation of the storm drain system map contained on pages E-34 through E-36 of Appendix E of the MRSWMP, showing the location of all outfalls discharging to waters of the state and other MS4s that receive discharges from those outfalls	X			X		
Implement and maintain a program to detect and eliminate illicit connections and/or discharges; i.e., sewer overflows, fluid dumping in catch basins etc.	3-3.a	Using the training materials contained on pages F-2 through F-7 of Appendix F of the MRSWMP, train inspection personnel and other municipal staff, and obtain resources necessary to inspect businesses.	X			X		

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap pli cable</i>	<i>Mod ified</i>	<i>Eff ective</i>	<i>Un known</i>	<i>Not Eff ective</i>
Implement and maintain a program to detect and eliminate illicit connections and/or discharges; i.e., sewer overflows, fluid dumping in catch basins etc.	3-3.b	Using the inventory of businesses to be inspected and the inspection checklists contained on pages E-37 through E-77 of Appendix E of the MRSWMP, prioritize the businesses to be inspected, and perform compliance inspections on these businesses to identify illicit connections and illegal discharges. Discharges to Environmentally Sensitive Areas, discharges to Areas of Special Biological Significance, restaurants/fast food chains, auto repair shops, and gas stations will receive top prioritization in scheduling these inspections.	X			X		
	3-3.c	Create hotline for public reporting of illicit connections	X				X	
Implement and maintain a program to detect and eliminate illicit connections and/or discharges; i.e., sewer overflows, fluid dumping in catch basins etc.	3-3.d	Using the protocol contained on pages E-78 through E-79 and E-95 through E-98 of in Appendix E of the MRSWMP, take action as necessary to eliminate 100% of the illicit connections and illegal discharges that are identified in this year	X			X		

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
<p>Adopt an ordinance with standards for storm water pollution prevention.</p> <p>Ordinance to include definitions of illegal disposal activities, including requirements pertaining to mat wash downs, hood cleaning, etc., and requiring firms to notify Public Works of all such cleaning activities, with penalties for violations. Ordinance will also outline responsibility for any clean up determined necessary.</p>	3-4.a	Using the guidance document and model ordinance contained on pages E-80 through E-98 of Appendix E of the MRSWMP, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity's needs through appropriate governing body procedures.	X			X		
Implement a permit boundary-wide education program addressing the negative effects on water quality through illegal discharges, improper waste disposal and other non-storm water discharges.	3-6.a	This is included in the Public Education and Outreach Program contained on pages E-1 through E-23 of Appendix E of the MRSWMP.	X			X		

a. BMPs

i. General Summary

The most successful BMPs under this MCM were:

- The adoption of ordinances which provided the entities with regulatory authority to impose and enforce requirements to reduce or eliminate sources of storm water pollution
- Training appropriate personnel to conduct business inspections, and in at least some of the entities, actually initiating these inspections during the current reporting period
- Initiating a system to document, track, and followup on incidents of illegal discharge and illicit connections

For all of the permittees, including those entities that were still in the process of adopting their ordinances during the current reporting period, there were procedures in place for responding to illegal discharges to the storm drain system. Spills and discharges were cleaned up and responsible parties were identified. Appropriate enforcement action was taken.

As the ordinances become implemented, it is anticipated that a greater number of illicit connections/discharges will be eliminated.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
3-1.a	Date agreement was executed	X		Earth 911, the organization that operates the 1-800-CLEANUP hotline system, does not use a written agreement, but simply activates an entity's hot line voice prompts on its call-in system based on information provided by the entity via email. The system was activated throughout the area covered by the MRSWMP in February 2007, and has been continuously active ever since.
3-1.b	Advertised on a minimum of 8 different media pieces: 4 in English, 4 in Spanish	X		See Program Activity/Target No. 12 in Appendix A for information regarding this BMP, which was performed by the eight co-permittees as a group activity.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
3-1.c	100% of all reports of illicit discharge investigated and report on outcome of each case in the form of "closed", "ongoing enforcement", or "still investigating source".	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
3-2.a	Each Participating Entity to complete its mapping by end of Year 1, except Monterey County which will complete its mapping by end of Year 3	X		The updated storm water maps are contained in <u>Appendix K</u> . Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
3-3.a	Sufficient personnel trained and prepared to perform inspections beginning in Year Two	X		A copy of the Powerpoint slides used in the training session associated with this BMP are included in <u>Appendix L</u> . Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
3-3.b	Minimum of 100% of inventoried businesses inspected by the end of the permit term.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
3-3.c	See BMP 3-1.a	X		None
3-3.d	100% of all reports of illicit connections and illegal discharges investigated and report on outcome of each case in the form of "closed", "ongoing enforcement", or "still investigating source".	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
3-4.a	Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage)	X		All co-permittees except the Cities of Marina and Carmel-by-the-Sea, and the County of Monterey, adopted their ordinances during the current reporting period, although none of them were able to adopt them within the 3 month time period. This was due to the extensive amount of work and time associated with clarifying issues and answering questions from policymakers and members of the public before the ordinances could be adopted. The Appendices for the three co-permittees who did not adopt ordinances explain why they were not adopted.
3-6.a	Summary of methods used to educate the public about the impacts of illegal discharges and improper waste disposal to be included in the Annual Reports.	X		See Appendix A for information regarding this BMP, which was performed by the eight co-permittees as a group activity.

iii. Appropriateness

With the possible exception of the BMPs pertaining to the creation of a hotline for the public to use in reporting illegal discharges, all of the BMPs under this MCM appear to be appropriate. The hot line was activated as the permittees committed to do under BMPs 3-1.a and 3-3.c, and informing the public of the availability of the hotline commenced in the latter portion of the current reporting period. However, it is not known how many reports, if indeed any reports at all, were received by the permittees as a direct result of having the hotline. This is because the hotline simply directs the caller by providing them with zip code-specific information about what public works phone number should be called to report the incident. The permittees have received some of these types of telephone reports, but they were receiving similar reports before the hotline was created. Therefore, it is difficult to determine whether or not the hotline is a useful tool for this MCM. In Year 2 of the permit cycle, the permittees (as a group under MCM No. 1) will be attempting to further inform the public of the availability of the hotline in an effort to make it as effective as possible.

iv. Effectiveness

With the possible exception of the BMPs pertaining to the creation of a hotline for the public to use in reporting illegal discharges, all of the BMPs under this MCM appear to be effective. Some of these BMPs were not implemented until near the end of the current reporting period, and therefore their effectiveness cannot be accurately ascertained. It is expected that the effectiveness of those BMPs will become clearer during Year 2 and beyond.

v. Proposed Modifications

The following modifications to the BMPs or Measurable Goals within this MCM are proposed, beginning in Permit Year 2:

For Monterey County and for the city of Carmel-by-the-Sea the date the Ordinance is to be implemented needs to be modified. For the County, this is necessary due to the complexity of the County's internal organization, and the commensurate amount of time required to review, revise, and adapt the ordinance so that it will not conflict with other existing County regulations and ordinances, and so that it will be clear and easily implemented by the many departments that will be involved with the ordinance. For the city of Carmel-by-the-Sea this is necessary because the city is bound by its Local Coastal Plan, which limits the City's ability to adopt or modify ordinances that pertain to storm water discharges without first getting California Coastal Commission approval. This is described in more detail in Appendix C.

The County's and the City of Carmel's ordinances will be implemented in Permit Year 2. Current inspections are informing businesses regarding illicit connections and stormwater discharges. Use of the inspection checklists and protocols in the MRSWMP will begin in Permit Year 2.

During the current reporting period, and up until the time that these entities adopt their ordinances, reports of illicit discharges are being investigated and resolved, and compliance inspections made, using existing laws and ordinances.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

No monitoring was conducted under this MCM. The Appendices contain information from each of the co-permittees pertaining to this MCM, including the numbers of non-storm water discharges that were detected, how many of these were illicit, and how many illicit dischargers were fined or otherwise penalized.

In preparing this section of the Annual Report the following questions pertinent to this Minimum Control Measure were considered, and the responses to each of them are presented.

Question: Assuming the Group establishes a storm water hotline (1-800-CLEANUP or other), how many calls did the entity receive as a result of the hotline?

Response: Because of the way 1-800-CLEANUP operates and is configured, callers are directed to phone the appropriate telephone number within each jurisdiction to make reports. Hence, when a call is received by the jurisdiction, they do not know whether the call came as a result of the caller first phoning 1-800-CLEANUP, or whether the caller called the jurisdiction directly without having called 1-800-CLEANUP. Thus, it is not possible to determine how many calls were received as a result of the hotline. This is what a rating of “Unknown” was given for the BMPs under this MCM that pertain to the hotline.

Question: Are legitimate storm water issues reported?

Response: Yes. Virtually all calls that were received pertained to legitimate storm water issues.

Question: Is the hotline being abused (i.e. used as a weapon between quarreling neighbors)?

Response: No evidence of this was observed in the calls that were received by the co-permittees.

Question: Are there any trends in the calls (e.g. recurring neighborhoods, same types of discharges)?

Response: No. The calls reported unrelated incidents in a variety of locations and jurisdictions.

Question: Do you know how people learned about the hotline?

Response: No. As explained above, the co-permittees do not know if the caller called as a result of the hotline, or called the co-permittees directly.

Question: Do you track the reports that are received from the hotline, as well as from any other sources?

Response: Yes. This is reported on in the individual co-permittee Appendices.

Question: Do you receive public complaints directly from the internet?

Response: No complaints were received through the Group’s website. Individual co-permittee websites, however, may have received complaints.

Question: How much time is spent detecting illicit discharges?

Response: During the current reporting period most efforts were directed at responding to reports from citizens and co-permittee staff members, not in seeking to detect illicit discharges. Those will be the target of the business inspections that will largely begin being conducted in Permit Year 2, although in some of the jurisdictions these inspections have already begun. The City of Monterey estimated that it spent 120 hours of city staff time, and 400 hours of MRWPCA staff time detecting illicit discharges during the current reporting period.

Question: Are you able to effectively trace the illicit discharge back to its source? How much time is spent doing this?

Response: Within the context of the ordinances adopted by the co-permittees “illegal discharges” are all non-stormwater discharges to the storm drainage system, except certain exempted discharges as described in the ordinance. Within the context of these ordinances, “illicit connections” refers to drains and conveyances that allow illegal discharges to enter the storm drainage system. Presumably the business inspections will identify many of the illicit connections, as well as some other sources of illegal discharges. Most of the investigations of

illegal discharges reported during the current reporting period were successful in identifying the source of the discharge. The City of Monterey estimated it spent approximately 80 hours identifying sources of illegal discharges during the current reporting period.

Question: What is the process for taking enforcement actions for illicit discharges, including the types of actions that were taken and the procedures for resolving them.

Response: The processes are described under Division V “Enforcement” of the ordinances adopted by the co-permittees, as described on pages E-95 through E-98 of Appendix E to the MRSWMP. The protocol for enforcement is described on pages E-78 through E-84 of Appendix E to the MRSWMP. The enforcement actions taken by each co-permittee are described in their respective Appendices. To date in nearly all cases, only a warning needed to be given to halt the illegal discharge.

Question: Were the enforcement actions appropriate for the violations?

Response: Yes. In most instances the violator was cooperative and willing to take the necessary corrective action upon receiving a warning notice from the jurisdiction. However, recurring violations will lead to more severe enforcement action, as described under the response to the question above. Some entities reported that their efforts often were focused on recovering costs expended by the entity in dealing with the violations.

Question: Were they too harsh to typically be invoked or too lenient to provide deterrence?

Response: No, as noted above to date the vast majority of violators have been cooperative.

Question: How does the amount of resources spent on education compare to the amount spent on enforcement?

Response: To date more money is being spent on public education through the work conducted under MCMs No. 1 and 2. However, as the business inspection work progresses, more money is likely to be spent on enforcement actions, assuming that violations are detected through the inspection process.

Question: Did you prioritize certain areas of the community (e.g. geographic, types of businesses, types or land use, etc.) for illicit discharge detection activities?

Response: Yes. The jurisdictions each prioritized the business types to inspect. In some cases that prioritization process took into account geographic locations where higher levels of storm water pollution from businesses were believed to be occurring.

Question: Has this prioritization enabled you to leverage and stretch your resources to reduce more storm water pollution at a lesser cost?

Response: This is not known with certainty, but as the business inspections proceed it should become apparent whether or not the targeted businesses are contributing significantly to storm water pollution.

- c. **Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.**

The activities under this MCM that will be carried out during Year 2 are summarized in the following table.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Create a unified place for public to call in potential illicit discharges	3-1.b	Advertise 1-800-CLEANUP call-in number on MRSWMP generated-media and educational materials	Advertised on a minimum of 8 different media pieces: 4 in English, 4 in Spanish		X		X
Create a unified place for the public to call in potential illicit discharges	3-1.c	Using the protocol contained on pages E-30 through E-33 of Appendix E of the MRSWMP, investigate and take appropriate action on each report of illicit discharge that is received.	100% of all reports of illicit discharge investigated and report on outcome of each case in the form of “closed”, “ongoing enforcement”, or “still investigating source”.		X		X
Storm water system mapping	3-2.a	Complete preparation of the storm drain system map contained on pages E-34 through E-36 of Appendix E of the MRSWMP, showing the location of all outfalls discharging to waters of the state and other MS4s that receive discharges from those outfalls	Each Participating Entity to complete its mapping by end of Year 1, except Monterey County which will complete its mapping by end of Year 3		X		X
	3-2.b	Update the outfall map annually to include new facilities as appropriate.	Update the outfall map annually to include new facilities as appropriate.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement and maintain a program to detect and eliminate illicit connections and/or discharges; i.e., sewer overflows, fluid dumping in catch basins etc.	3-3.b	Using the inventory of businesses to be inspected and the inspection checklists contained on pages E-37 through E-77 of Appendix E of the MRSWMP, prioritize the businesses to be inspected, and perform compliance inspections on these businesses to identify illicit connections and illegal discharges. Discharges to Environmentally Sensitive Areas, discharges to Areas of Special Biological Significance, restaurants/fast food chains, auto repair shops, and gas stations will receive top prioritization in scheduling these inspections.	Minimum of 100% of inventoried businesses inspected by the end of the permit term.		X		X
	3-3.d	Using the protocol contained on pages E-78 through E-79 and E-95 through E-98 of in Appendix E of the MRSWMP, take action as necessary to eliminate 100% of the illicit connections and illegal discharges that are identified in this year	100% of all reports of illicit connections and illegal discharges investigated and report on outcome of each case in the form of “closed”, “ongoing enforcement”, or “still investigating source”.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
	3-3.e	Perform source tracking of manholes in the Hot Spot areas listed on page E-199 of Appendix E of the MRSWMP to determine source of pollutants	Inspect 100% of confluent manholes in Hot Spot areas listed on page E-199 of Appendix E of the MRSWMP annually, and carry out source tracking procedures described on page E-82 as appropriate.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Adopt an ordinance with standards for storm water pollution prevention.	3-4.b	Train appropriate staff on the adopted ordinance	100 % of existing appropriate staff trained by Year 2, then all appropriate new employees every year after that				
Ordinance to include definitions of illegal disposal activities, including requirements pertaining to mat wash downs, hood cleaning, etc., and requiring firms to notify Public Works of all such cleaning activities, with penalties for violations. Ordinance will also outline responsibility for any clean up determined necessary.	3-4.c	Implement ordinance	Date ordinance implemented	X		X (See Footnote 1)	

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Inspection program to ensure compliance from RVs & boats	3-5.a	Using the inventory of RV parks and boat marinas and the inspection lists contained on pages E-119 through E-124 of Appendix E of the MRSWMP, inspect each RV park and boat marina annually, and take action to correct any observed violations of the discharge ordinance	100% of RV parks & boat marinas inspected annually		X (See footnote 2)		X
Implement a permit boundary-wide education program addressing the negative effects on water quality through illegal discharges, improper waste disposal and other non-storm water discharges.	3-6.a	This is included in the Public Education and Outreach Program contained on pages E-1 through E-23 of Appendix E of the MRSWMP.	Summary of methods used to educate the public about the impacts of illegal discharges and improper waste disposal to be included in the Annual Reports.		X		X

Footnotes: (1) Ordinances are schedule to go before the County Board of Supervisors and Carmel-by-the-Sea's Council for adoption in Permit Year 2. An ordinance will be sent to the City of Marina's Council in Permit Year 2, if its request for Termination is denied (refer to Appendix E for a discussion of Marina's request for Termination).

(2) The Saddle Mountain Recreation Park RV park listed on page E-119 in Appendix E to the MRSWMP is not within the County's urbanized area and should be removed from the list.

4. CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

Status of BMPs and Implementation Plans:

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap plic able</i>	<i>Mod ified</i>	<i>Eff ective</i>	<i>Un known</i>	<i>Not Eff ective</i>
<p>Adopt an ordinance with standards for storm water pollution prevention associated with construction activities.</p> <p>Ordinance to include standards for general construction site waste management for construction activities as defined by the General Construction Storm Water Permit</p>	4-1.a	Using the guidance document and model ordinance contained on pages E-84 through E-98 and E-125 through E-131 of Appendix E of the MRSWMP, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity's needs through appropriate governing body procedures	X			X		
Implement procedures for receipt and consideration of information submitted by the public regarding storm water runoff impacts associated with construction projects.	4-4.a	Use the procedures contained on pages E-30 through E-33 of Appendix E of the MRSWMP to facilitate the receipt of, and the response to, reports from the public of storm water pollution from construction sites.	X			X		

BMP Description	BMP No.	Implementation Plan	Status					
			Im ple men ted	Not Ap plic able	Mod If ied	Eff ec tive	Un known	Not Eff ec tive
Implement a permit boundary-wide education program addressing the negative effects on water quality from improperly managed construction site runoff.	4-4.b	<p>Twice per year at construction contractor professional meetings, present an educational program regarding prevention of storm water pollution from construction sites. The program will cover the four guiding principles for controlling runoff from construction sites, which are included in the BMP Guidance Series:</p> <ul style="list-style-type: none"> • Construction site planning • Minimization of soil movement • Capturing of Sediment • Good housekeeping practices <p>At these presentations handouts describing construction site permitting procedures and construction site BMPs will also be distributed.</p>	X			X		

a. BMPs

i. General Summary

Each of the BMPs under this MCM were successful in achieving their particular objectives.

For all of the permittees, including those entities that were still in the process of adopting their ordinances during the current reporting period, there were procedures in place for responding to illegal discharges to the storm drain system. Spills and discharges were cleaned up and responsible parties were identified, and appropriate enforcement action was taken.

The construction site storm water pollution prevention measures required under the ordinances do not become effective until Permit Year 2. In anticipation of this, training was conducted during the current reporting period for those co-permittee staff members who will be involved in conducting construction site inspections, so they will be properly prepared to conduct those inspections beginning in Permit Year 2. As the measures required by the ordinances become implemented, it is anticipated that there will be a greater reduction in storm water pollution sources emanating from construction sites.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
4-1.a	Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage)	X		See comments under the Measurable Goal for BMP 3-4.a.
4-4.a	100% of all reports of construction site storm water pollution investigated and report on outcome of each case in the form of "closed", "ongoing enforcement", or "still investigating source".	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices. Although providing training associated with BMPs 4-2.a and 4-3.a, which also pertain to construction site storm water pollution prevention, was not scheduled to occur until Year 2 when BMPs 4-2.b and 4-3.b will go into effect, the training was performed toward the end of Year 1 in order for staff members to be prepared to carry out BMPs 4-2.b and 4-3.b. A copy of the Powerpoint slides used in the training session associated with these BMPs are included in Appendix L. Information on each individual co-permittee regarding participation in this training is included in the Appendices.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
4-4.b	Provide educational programs that reach at least 20 construction firms each year.	X		A copy of the Powerpoint slides used in the educational presentations associated with this BMP is included in Appendix L. Presentations were made on three occasions, one to a joint meeting of the Central Coast and Salinas Valley Builders Exchanges on May 16, 2007, once to a meeting of the Association of General Contractors (Monterey Chapter) on May 16, 2007, and once to a group of construction personnel on July 25, 2007. Between these three presentations 49 construction contractor personnel were reached, representing 42 construction firms.

iii. Appropriateness

All of the BMPs under this MCM were considered to be appropriate for achieving the objective of preparing to undertake construction site storm water pollution prevention activities beginning in Permit Year 2.

iv. Effectiveness

All of the BMPs under this MCM were considered to be effective for achieving the objective of preparing to undertake construction site storm water pollution prevention activities beginning in Permit Year 2. During the current reporting period BMP 4-4.a was effective in helping to mitigate storm water pollution emanating from construction sites, although very few such reports were received. Any that were are described in the information on each individual co-permittee included in the Appendices.

v. Proposed Modifications

No modifications to the BMPs or Measurable Goals within this MCM are proposed.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

No monitoring was conducted under this MCM. The Appendices contain information from each of the co-permittees pertaining to this MCM.

In preparing this section of the Annual Report the following questions pertinent to this Minimum Control Measure were considered, and the responses to each of them are presented.

Question: What is the process for taking enforcement actions for construction site violations, including the types of actions that are taken and the procedures for resolving them.

Response: The enforcement processes are described under Division V “Enforcement” of the ordinances adopted by the co-permittees, as described on pages E-95 through E-98 of Appendix E to the MRSWMP. The procedures for conducting site plan reviews and site inspections is described on pages E-125 through E-130 in Appendix E to the MRSWMP. The site plan review process, and conducting construction site inspections, is intended to ensure that each site will have the appropriate storm water pollution prevention measures in place throughout the construction period. The enforcement actions taken by each co-permittee are described in their respective Appendices. To date in most cases only warnings and educational directives have been necessary to persuade construction contractors into correcting observed deficiencies in their storm water pollution prevention programs. However, the City of Monterey reported that it had placed a hold on issuance of a Final Occupancy permit in order to get some violations corrected.

Question: Are the enforcement actions appropriate for the violations?

Response: Yes. In most instances the violating construction contractor was cooperative and willing to take the necessary corrective action upon receiving a warning notice from the inspector. However, recurring violations will lead to more severe enforcement action, as described under the response to the question above.

Question: Are they too harsh to typically be invoked or too lenient to provide deterrence?

Response: No, as noted above to date the vast majority of violators have been cooperative.

Question: How does the amount of resources spent on education compare to the amount spent on enforcement?

Response: To date more money is being spent on contractor education through the work conducted under MCMs No. 1 and 2. However, with the commencement of construction site inspections in Permit Year 2, more money is likely to be spent on enforcement actions, assuming that more violations are detected through the inspection process.

Question: How do you track the issuance of grading permits, building permits, and other construction-related permits.

Response: Each of the co-permittees has its own issuing and tracking procedures. The Building Department, Community Development Department, and/or Public Works Department within each jurisdiction issue all of the construction-related permits. Each permit has a unique permit number, which is entered into the jurisdiction’s tracking system along with the specific information about the construction site to which the permit pertains. When inspectors go to the

construction site, they bring with them this information, which includes any storm water pollution prevention requirements that were made a condition of the permit at its time of issuance.

- c. **Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.**

The activities under this MCM that will be carried out during Year 2 are summarized in the following table.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement procedures for site plan review, including consideration of potential water quality impacts	4-2.a	Train appropriate staff on the site plan and construction inspection procedures contained on pages E-125 through E-131 of Appendix E of the MRSWMP procedures	100 % of existing appropriate staff trained by Year 2, then all new appropriate employees every year after that		X		X
Implement procedures for site plan review, including consideration of potential water quality impacts	4-2.b	Use the site plan review procedures contained on pages E-100 through E-103 and E-125 through E-131 of Appendix E of the MRSWMP when reviewing construction projects	100% of construction site plans reviewed for compliance		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement procedures for site inspection and enforcement of BMP control measures	4-3.a	<p>Train appropriate staff on the construction site inspection procedures. Topics to be covered in this training will be the applicable portions of the materials contained on pages E-125 through E-136 of Appendix E of the MRSWMP, consisting of:</p> <ol style="list-style-type: none"> 1. The Guidance Document for Policies and Procedures Pertaining to Construction Sites 2. Construction Site Plan Review and Inspection Procedures 3. Inspection Checklist for Construction Sites 	100 % of existing appropriate staff trained by Year 2, then all new appropriate employees every year after that, with periodic refresher training provided		X		X
Implement procedures for site inspection and enforcement of BMP control measures.	4-3.b	Using the procedures and checklists contained on pages E-127 through E-136 of Appendix E of the MRSWMP, inspect the construction sites subject to the storm water ordinance and take appropriate action to have any observed violations corrected	100% of construction sites subject to the storm water ordinance inspected in accordance with inspection frequencies listed on page E-129 of Appendix E of the MRSWMP, and violations corrected		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement procedures for receipt and consideration of information submitted by the public regarding storm water runoff impacts associated with construction projects.	4-4.a	Use the procedures contained on pages E-30 through E-33 of Appendix E of the MRSWMP to facilitate the receipt of, and the response to, reports from the public of storm water pollution from construction sites.	100% of all reports of construction site storm water pollution investigated and report on outcome of each case in the form of “closed”, “ongoing enforcement”, or “still investigating source”.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement a permit boundary-wide education program addressing the negative effects on water quality from improperly managed construction site runoff.	4-4.b	<p>Twice per year at construction contractor professional meetings, present an educational program regarding prevention of storm water pollution from construction sites. The program will cover the four guiding principles for controlling runoff from construction sites, which are included in the BMP Guidance Series:</p> <ul style="list-style-type: none"> • Construction site planning • Minimization of soil movement • Capturing of Sediment • Good housekeeping practices <p>At these presentations handouts describing construction site permitting procedures and construction site BMPs will also be distributed.</p>	Provide educational programs that reach at least 20 construction firms each year.		X		X

5. POST-CONSTRUCTION STORM WATER MANAGEMENT

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Im ple men ted</i>	<i>Not Ap pli cable</i>	<i>Mod ified</i>	<i>Ef fective</i>	<i>Un known</i>	<i>Not Ef fective</i>
<p>Adopt an ordinance with standards for storm water pollution prevention associated with storm water systems installed in new developments and redevelopments.</p> <p>Ordinance to include standards for the design, operation, and maintenance of post-construction storm water pollution prevention systems in new developments and redevelopment.</p>	5-1.a	<p>Using the guidance document and model ordinance contained on pages E-84 through E-98 and E-137 through E-143 of Appendix E of the MRSWMP, each Participating Entity will adopt a storm water ordinance revised to be specific to each entity's needs through appropriate governing body procedures.</p>	X			X		

a. BMPs

i. General Summary

The New Development and Redevelopment project requirements for storm water pollution prevention do not go into effect until Permit Year 3. In anticipation of this, training will be conducted during Permit Year 2 for those co-permittee staff members who will be involved in reviewing the design documents for these types of projects, so they will be properly prepared to conduct those reviews beginning in Permit Year 3.

Because the requirements have not yet gone into effect, there has been no experience to indicate how successful they will be. However, based on the experience of other entities who have imposed these requirements, as the measures required by the ordinances become implemented it is anticipated that there will be some reduction in storm water pollution emanating from future projects of these types.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
5-1.a	Date ordinance implemented (implemented within 3 months of permit coverage for all entities except Monterey County, which will implement within 6 months of permit coverage)	X		See comments under the Measurable Goal for BMP 3-4.a.

iii. Appropriateness

Because the requirements have not yet gone into effect, there has been no experience to indicate how appropriate they will be.

iv. Effectiveness

Because the requirements have not yet gone into effect, there has been no experience to indicate how effective they will be.

v. Proposed Modifications

A modification is proposed that would add a BMP and Measurable Goal to provide educational presentations to design professional groups during Permit Year 2, to educate them on the New Development and Redevelopment Pollution Prevention requirements that will go into effect in Permit Year 3. This new BMP and Measurable Goal are described in the table at the end of this Section.

No other modifications are proposed to the BMPs or Measurable Goals within this minimum control measure.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

Under this Minimum Control Measure the only BMP that was scheduled for implementation in the current reporting period was BMP 5-1.a, adoption of the Ordinance. The Ordinance calls for the provisions that pertain to Post-Construction Storm Water Management to become effective in

Permit Year Three.

- c. **Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.**

During Permit Year Two, the policies and procedures to apply and enforce the requirements pertaining to Post-Construction Storm Water Management will be developed, and training on these topics will be provided to the personnel involved in these activities, in preparation for imposing these requirements beginning in Permit Year Three.

The activities under this MCM that will be carried out during Year 2 are summarized in the following table.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement procedures for review of project plans	5-2.a	Train appropriate staff on the plan review procedures contained on pages E-139 through E-143 of Appendix E of the MRSWMP	100% of existing appropriate staff trained by Year 2, then all new appropriate staff thereafter		X		
Educate design professionals regarding the negative effects on water quality from storm water runoff from New Development and Redevelopment projects	5-4.a	<p>Twice during Year 2 at design professional meetings, present an educational program regarding prevention of storm water pollution from New Development and Redevelopment projects. The program will cover the three guiding principles for controlling runoff from New Development and Redevelopment project sites, which are included in the BMP Guidance Series:</p> <ul style="list-style-type: none"> • Project site planning • Pollution Prevention and Source Control BMPs • Treatment BMPs <p>At these presentations handouts describing certain of these BMPs will also be distributed.</p>	Provide educational programs that reach at least 10 firms that are engaged in the design of storm water pollution prevention components of New Development and Redevelopment projects within the area covered by the MRSWMP.	X (See footnote 1)		X	

Footnotes: (1) This is a proposed new BMP and Measurable Goal, as described above under this MCM.

6. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

<i>BMP Description</i>	<i>BMP No.</i>	<i>Implementation Plan</i>	<i>Status</i>					
			<i>Implemented</i>	<i>Not Applicable</i>	<i>Modified</i>	<i>Effective</i>	<i>Unknown</i>	<i>Not Effective</i>
Implement an education and training program for employees (general and then specific to targeted employee groups, including supervisors) about the impacts of storm water pollution from municipal activities and hazardous materials disposal, and how to implement the selected BMPs to reduce these impacts.	6-1.a	Using the training outline and materials contained on pages F-22 through F-34 of Appendix F of the MRSWMP, train appropriate municipal employees (including supervisors) on storm water pollution issues.	X			X		
Inspection program of municipal hazardous materials storage facilities	6-2.a	Promptly correct any hazardous materials inspection deficiencies reported by the County inspectors, who are responsible for all of the hazardous materials inspections in Monterey County. (The inspection forms used by the County are contained on pages E-146 through E-168 of Appendix E of the MRSWMP and indicate the thoroughness that the County's inspections entail.)	X			X		
Implement a program that effectively manages landscaping and lawn care activities to minimize the potential for storm water pollution.	6-4.a	Train municipal staffs to use the procedures contained on pages E-175 through E-176 of Appendix E of the MRSWMP to properly manage landscape and lawn care activities. Offer training to other agencies such as school districts beginning in Year 3.	X			X		
	6-4.b	Perform spraying during times where rain is not predicted	X			X		

BMP Description	BMP No.	Implementation Plan	Status					
			Im ple men ted	Not Ap plic able	Mod ified	Eff ective	Un known	Not Eff ective
Implement procedures to ensure the dechlorination and/or debromination of pool water prior to discharge to the storm water system	6-5.a	Use the procedures contained on pages E-177 through E-179 of in Appendix E of the MRSWMP for the proper disposal of swimming pool water.	X			X		
Conduct sweeping on a frequent and regular basis and focus sweeping schedule on high impact/dry weather sites	6-6.a	Conduct sweeping on a regular basis in accordance with the programs and plans contained on pages E-180 through E-196 of Appendix E of the MRSWMP.	X			X		
Implement a program to prevent pollutants from automotive activities, such as vehicle fluids, from entering storm drains	6-7.a	Provide designated area for all vehicle maintenance.	X			X		
	6-7.b	Move maintenance and repair activities indoors or under a covered area whenever possible	X			X		
	6-7.d	Stencil all storm drain inlets in corporation yard areas	X			X		
	6-7.e	Using the Vehicle Service Facilities Inspection Checklist contained on pages E-71 through E-77 of Appendix E of the MRSWMP, inspect the MS4's vehicle maintenance facilities annually and correct any deficiencies noted.	X			X		
	6-7.f	Store materials and wastes under cover whenever possible	X			X		
	6-7.g	Train all employees repairing municipal vehicles on proper pollution prevention techniques	X			X		
Implement a program to prevent pollutants	6-8.a	Training of municipal employees in proper vehicle washing techniques	X			X		

BMP Description	BMP No.	Implementation Plan	Status					
			Im ple men ted	Not Ap plic able	Mod ified	Eff ective	Un known	Not Eff ective
from washing municipal vehicles, such as vehicle fluids and phosphate soaps, from entering storm drains.	6-8.b	Using the vehicle washing portion of the Vehicle Service Facilities Inspection Checklist contained on pages E-75 through E-76 of Appendix E of the MRSWMP, inspect the MS4's vehicle washing facilities annually and correct any deficiencies noted.	X			X		
Implement a program of regularly cleaning storm drains and inlets to prevent accumulated pollutants from being discharged with the storm water (See Appendix E of the MRSWMP for a complete discussion of the work to be performed under BMP 6-10	6-10.a	Stencil catch basins and inlets as needed as prevention measure	X			X		
	6-10.b	Inspect catch basins and inlets in the designated "hot spots" listed on page E-199 of Appendix E of the MRSWMP annually prior to rainy season, and clean as necessary	X			X		
	6-10.c	Clean and repair catch basins, inlets and piping as identified through inspections prior to November 1 st annually	X			X		
	6-10.d	Re-inspect identified problem areas of debris accumulation during wet season	X			X		
	6-10.e	Keep documentation of inspections and cleanings	X			X		

a. BMPs

i. General Summary

All of the BMPs under this MCM were considered to be successful in helping to achieve the objective of reducing storm water pollution emanating from municipal operations. The level of success varied between the co-permittees, due to their individual characteristics and sizes of facilities. For example, some of the smaller co-permittees have very small public works departments and very small corporation yards, and thus would have much less potential to be significant storm water pollution sources than would be the same facilities and operations in the larger jurisdictions.

ii. Status of Measurable Goals

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
6-1.a	100 % of existing appropriate staff trained by Year 2, then all new employees every year after that. Perform pre- and post-training testing to measure training effectiveness.	X		A copy of the Powerpoint slides used in the training session associated with this BMP is included in Appendix L. Pre- and Post-training tests were administered to those participants in these training sessions. The sessions were conducted on February 14 and again on February 21, 2007 in order to maximize the number of staff members who could attend the training. On each of these dates two training programs were presented, Program 1 was directed toward Streets, Sewer Collection, and Street Sweeping personnel, and Program 2 was directed toward Parks, Vehicle Maintenance, and Custodial personnel. The testing demonstrated an average improvement of 21% in the Program 1 participants' comprehension of the topics covered in their training session, and an average improvement of 17% in the Program 2 participants' comprehension of the topics covered in their training session. Some co-permittees were unable to send representatives to these training sessions, but did fulfill this Measurable Goal by conducting their own inhouse training. Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
6-2.a	100% of noted deficiencies corrected within 30 days of notification by the County	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-4.a	Measures to minimize irrigation runoff, as described in Appendix E of the MRSWMP, applied to 80% or more of the irrigation sites under the jurisdiction's control	X		A copy of the Powerpoint slides used in the training session associated with this BMP are included in Appendix L. Pre- and Post-training tests were administered to those participants in the training session. The testing demonstrated an improvement of 210% in the participants' comprehension of the topics covered in the training session. Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices. The City of Del Rey Oaks did not provide this training to its employees during the current reporting period, but intends to provide similar training during Permit Year 2.
6-4.b	100% of spraying done when rain is not predicted	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-5.a	Pool water dechlorinated and/or debrominated prior to discharge to storm drain system 100% of the time	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-6.a	100% of Sweeping in each MS4 performed in accordance with the MS4's Plan	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices. The City of Del Rey Oaks did not perform street sweeping during the current reporting period, but is in the process of contracting with the City of Seaside for street sweeping services, and expects those services to begin in the fall of 2007.

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
6-7.a	100% of MS4s have designated area for vehicle maintenance	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-7.b	100% maintenance and repair activities moved indoors or covered area whenever possible	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-7.d	100% of storm drain inlets in corporate yard stenciled by end of Year 1 and any new inlets which may be created stenciled immediately after being built. Stenciling redone in Year 5.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-7.e	100% of noted deficiencies corrected.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-7.f	100% of materials stored under cover whenever possible	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-7.g	This training is included in BMP 6-1.a	X		See comments under the Measurable Goal for BMP 6-1.a.
6-8.a	This training is included in BMP 6-1.a	X		See comments under the Measurable Goal for BMP 6-1.a.
6-8.b	100% of noted deficiencies corrected.	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-10.a	Stenciling is covered under BMP 2-2.c	X		See comments under the Measurable Goal for BMP 2-2.c.
6-10.b	100% of "hot spot" catch basins and inlets inspected, and cleaned as necessary, each year prior to start of rainy season	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-10.c	By November 1 st annually, address cleaning and repair needs of prioritized catch basins, inlets & piping as identified during inspections	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.
6-	Re-inspect 100% of problem areas	X		Information on each individual co-

<i>BMP No.</i>	<i>Measurable Goal</i>	<i>Completed by all Permittees, unless otherwise noted in the "Comments" column</i>	<i>Not Completed</i>	<i>Comments</i>
10.d				permittee regarding this Measurable Goal is included in the Appendices.
6-10.e	Documentation kept on file	X		Information on each individual co-permittee regarding this Measurable Goal is included in the Appendices.

ii. Appropriateness

All of the BMPs under this MCM were considered to be appropriate for helping to achieve the objective of reducing storm water pollution emanating from municipal operations.

iv. Effectiveness

All of the BMPs under this MCM were considered to be effective in helping to reduce storm water pollution emanating from municipal operations. The level of effectiveness varied between the co-permittees, due to their individual characteristics and sizes of facilities. For example, some of the smaller co-permittees have very small public works departments and very small corporation yards, and thus would have much less potential to be significant storm water pollution sources than would be the same facilities and operations in the larger jurisdictions. Thus, the effectiveness of instituting the BMPs would be expected to be greater in the larger jurisdictions than in the smaller ones.

v. Proposed Modifications

The following modifications to the BMPs or Measurable Goals within this MCM are proposed, beginning in Permit Year 2. The proposed modifications are not directly to the BMPs or Measurable Goals themselves, but are to the portion of the MRSWMP to which they refer.

BMP 6-6.a refers to the "Sweeping and Cleaning" procedures contained on pages E-180 through E-196 of Appendix E to the MRSWMP. It is proposed that the language in that portion of the MRSWMP be modified as follows, for the reasons stated below:

1. The City of Carmel-by-the-Sea intends to use the MRSWMP as its Storm Water Management Program in conjunction with the submittal of its Notice of Intent to the RWQCB seeking permit coverage under the SWRCB's General Permit (refer to the Background Section of Appendix A for more information on the City's actions in this regard). Therefore, it would be appropriate to add Carmel-by-the-Sea's street sweeping schedule to page E-180 of

Appendix E.

2. The City of Del Rey Oaks is in the process of contracting with the City of Seaside to perform street sweeping services. Once that contract has been executed (expected to occur by October 2007) Del Rey Oaks' street sweeping schedule should be revised, if necessary, to match the requirements of the street sweeping contract.
3. With regard to Park Cleaning, the first sentence under this topic heading on page E-181 of Appendix E should be revised to read "All municipal parks are to be inspected weekly." Changing from daily to weekly to more accurately reflect normal park maintenance practices.

No other changes to this Section of Appendix E are proposed.

b. Presentation of the results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

No monitoring was conducted under this MCM. The Appendices contain information from each of the co-permittees pertaining to this MCM.

In preparing this section of the Annual Report the following questions pertinent to this Minimum Control Measure were considered, and the responses to each of them are presented .

Question: How are municipal programs and activities reviewed?

Response: In most entities the upper management level of each department develops its own programs and activities, through internal review within the department. Certain of these are reviewed by the entity's Manager and in some cases by its governing body of policymakers.

Question: How many changes were implemented?

Response: This is unknown. However, numerous changes were made in the area of record keeping and documentation, in order to carry out the BMPs and Measurable Goals under this MCM. Also, many activities were added and/or modified within numerous departments in order to carry out the BMPs and Measurable Goals under this MCM.

Question: How much debris is collected during street sweeping?

Response: For most entities this is unknown, as they do not track this parameter. For the County from January –July 2007 approximately 500 cubic yards of material was collected during street sweeping. For the City of Seaside approximately 4 cubic yards is collected per day.

Question: Is this a decrease?

Response: For most entities this is unknown, as noted in the response to the previous question. For the County there was no observable decrease.

Question: Is more debris collected from certain streets in your jurisdiction than from others?

Response: Yes, although this is not tracked on a weight basis by most of the entities. For the County the amount of debris collected from the two maintenance districts is very similar, with one district collecting about 50 cubic yards more than the other. Many of the entities have found that the bulk of the material collected from sweeping in residential areas is tree leaves and needles, rather than trash. They also find that there is more debris collected from flat spots and

depressions where such debris collects.

Question: Have you experimented with increasing frequencies?

Response: Most of the entities have adjusted their sweeping programs in response to citizen input and/or direction from their governing bodies.

Question: What were the results?

Response: In most cases there were fewer citizen complaints after the sweeping programs were adjusted. For the County more debris was collected.

Question: Are parked cars a problem?

Response: In most jurisdictions yes. However, for some entities it is not possible to conduct street sweeping on a set sweeping schedule, due to limitations in the number of personnel trained to operate the sweeping equipment as well as the limited number of sweepers, which for some entities is just one. If sweeping personnel are absent, or if equipment is out of service for repairs, then the sweeping schedule has to be changed to reflect those conditions. Therefore, citizens become aware that sweeping does not always occur on the same day(s) of the week in their neighborhoods and thus are not inclined to try to keep their cars parked off the street on the scheduled sweeping days. In many entities it is not possible for residents to park off of the street, due to a lack of driveway and/or garage space. For these reasons, imposing a “No Parking on Street Sweeping Days” requirement in residential areas is not practical in many of the entities.

Question: Have the number of flood events increased or decreased during program implementation?

Response: This is unknown, particularly since this is just the end of Year 1 of the permit term.

Question: Have there been changes in uses of landscaping fertilizers, pesticides, and herbicides?

Response: To only a small extent, as most of the entities were already practicing proper BMPs to minimize storm water pollution from these activities.

- c. **Brief summary of the storm water activities planned to be undertaken during the next reporting cycle, along with an implementation schedule, and justification for any proposed activities that differ from those originally proposed in the approved MRSWMP.**

The activities under this MCM that will be carried out during Year 2 are summarized in the following table.

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement an education and training program for employees (general and then specific to targeted employee groups, including supervisors) about the impacts of storm water pollution from municipal activities and hazardous materials disposal, and how to implement the selected BMPs to reduce these impacts.	6-1.a	Using the training outline and materials contained on pages F-22 through F-34 of Appendix F, train appropriate municipal employees (including supervisors) on storm water pollution issues.	100 % of existing appropriate staff trained by Year 2, then all new employees every year after that. Perform pre- and post-training testing to measure training effectiveness.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Inspection program of municipal hazardous materials storage facilities	6-2.a	Promptly correct any hazardous materials inspection deficiencies reported by the County inspectors, who are responsible for all of the hazardous materials inspections in Monterey County. (The inspection forms used by the County are contained on pages E-146 through E-168 of Appendix E of the MRSWMP and indicate the thoroughness that the County's inspections entail.)	100% of noted deficiencies corrected within 30 days of notification by the County		X		X
Implement procedures for proper disposal of used motor oil and oil filters	6-3.a	Train appropriate staff on the procedures contained on pages E-169 through E-174 of Appendix E of the MRSWMP for proper disposal of used motor oil and filters	100 % of existing appropriate staff trained by Year 2, then all new employees thereafter		X		X
Implement procedures for proper disposal of used motor oil and oil filters	6-3.b	Use procedures contained on pages E-169 through E-174 of Appendix E of the MRSWMP for disposal of used motor oil and filters	Summary of used motor oil disposal activities included in the Annual Reports.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement a program that effectively manages landscaping and lawn care activities to minimize the potential for storm water pollution.	6-4.a	Train municipal staffs to use the procedures contained on pages E-175 through E-176 of Appendix E of the MRSWMP to properly manage landscape and lawn care activities. Offer training to other agencies such as school districts beginning in Year 3.	Measures to minimize irrigation runoff, as described in Appendix E of the MRSWMP, applied to 80% or more of the irrigation sites under the jurisdiction's control		X		X
	6-4.b	Perform spraying during times where rain is not predicted	100% of spraying done when rain is not predicted		X		X
Implement procedures to ensure the dechlorination and/or debromination of pool water prior to discharge to the storm water system	6-5.a	Use the procedures contained on pages E-177 through E-179 of in Appendix E of the MRSWMP for the proper disposal of swimming pool water.	Pool water dechlorinated and/or debrominated prior to discharge to storm drain system 100% of the time		X		X
Conduct sweeping on a frequent and regular basis and focus sweeping schedule on high impact/dry weather sites	6-6.a	Conduct sweeping on a regular basis in accordance with the programs and plans contained on pages E-180 through E-196 of Appendix E of the MRSWMP.	100% of Sweeping in each MS4 performed in accordance with the MS4's Plan		X (See footnote 1)		X
Implement a program to prevent pollutants from automotive	6-7.a	Provide designated area for all vehicle maintenance.	100% of MS4s have designated area for vehicle maintenance		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
activities, such as vehicle fluids, from entering storm drains	6-7.b	Move maintenance and repair activities indoors or under a covered area whenever possible	100% maintenance and repair activities moved indoors or covered area whenever possible		X		X
	6-7.e	Using the Vehicle Service Facilities Inspection Checklist contained on pages E-71 through E-77 of Appendix E of the MRSWMP, inspect the MS4's vehicle maintenance facilities annually and correct any deficiencies noted.	100% of noted deficiencies corrected.		X		X
	6-7.f	Store materials and wastes under cover whenever possible	100% of materials stored under cover whenever possible		X		X
	6-7.g	Train all employees repairing municipal vehicles on proper pollution prevention techniques			X		X
Implement a program to prevent pollutants from washing municipal vehicles, such as vehicle fluids and phosphate soaps, from entering storm drains.	6-8.b	Using the vehicle washing portion of the Vehicle Service Facilities Inspection Checklist contained on pages E-75 through E-76 of Appendix E of the MRSWMP, inspect the MS4's vehicle washing facilities annually and correct any deficiencies noted.	100% of noted deficiencies corrected.		X		X

BMP Description	BMP No.	Implementation Plan	Proposed Measurable Goal	Modified?		Schedule	
				YES	NO	Complete this year	Ongoing Implementation
Implement policies and procedures to prevent pollutants from bridge and street maintenance activities, such as paving and painting work, from entering storm drains	6-9.a	Require bridge and street maintenance contractors to regularly sweep construction zones and to keep paint and other construction materials out of the storm drain system. (Perform additional sweeping in conjunction with street and bridge maintenance work that is performed in-house.)	100% of bridge and street maintenance contracts contain these requirements, and in-house maintenance projects swept on a frequent basis to keep pollutants out of the storm drain system		X		X
Implement a program of regularly cleaning storm drains and inlets to prevent accumulated pollutants from being discharged with the storm water (See Appendix E of the MRSWMP for a complete discussion of the work to be performed under BMP 6-10	6-10.a	Stencil catch basins and inlets as needed as prevention measure	Stenciling is covered under BMP 2-2.c		X		X
	6-10.b	Inspect catch basins and inlets in the designated “hot spots” listed on page E-199 of Appendix E of the MRSWMP annually prior to rainy season, and clean as necessary	100% of “hot spot” catch basins and inlets inspected, and cleaned as necessary, each year prior to start of rainy season		X		X
	6-10.c	Clean and repair catch basins, inlets and piping as identified through inspections prior to November 1 st annually	By November 1 st annually, address cleaning and repair needs of prioritized catch basins, inlets & piping as identified during inspections		X		X
	6-10.d	Re-inspect identified problem areas of debris accumulation during wet season	Re-inspect 100% of problem areas		X		X
	6-10.e	Keep documentation of inspections and cleanings	Documentation kept on file		X		X

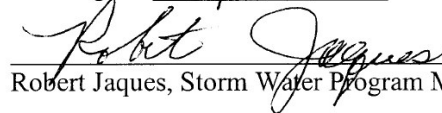
Footnotes: (1) Only proposed modification is to portions of the language in the MRSWMP to which this BMP refers.

E. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

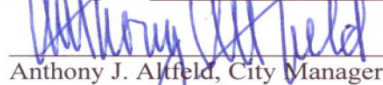
Monterey Regional Water Pollution Control Agency

Date Signed 11/8/07


Robert Jaques, Storm Water Program Manager

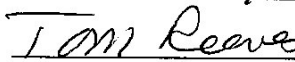
City of Marina

Date Signed 11.9.07


Anthony J. Altfeld, City Manager

City of Monterey

Date Signed 11/8/07


Tom Reeves, City Engineer

City of Sand City

Date Signed 11-9-07


Richard Simonitch, City Engineer

City of Del Rey Oaks

Date Signed 11/8/2007


Ron Langford, City Manager

City of Seaside

Date Signed 9 NOV 07



Bjorn Lundegard, Public Works Superintendent

City of Pacific Grove

Date Signed 11/9/07



Celia Perez Martinez, Public Works Superintendent

City of Carmel-by-the-Sea

Date Signed 11-13-07



Richard Guillen, City Administrator

County of Monterey

Date Signed Nov. 14, 2007



Elizabeth Krafft
Program Manager